

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
Marcos C TZANNES) Group Art Unit: Unknown
New Divisional Application based on Serial No.) Examiner: Unknown
09/616,954
Filed: **December 24, 2003**)
For: *A System And Method For Transmitting*)
Messages Between Transceivers Using)
Electromagnetically Coupled Signals)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing of this application or entry into the national stage of this application, or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

It is requested that the accompanying information disclosure statement be considered and made of record in the above-captioned application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 50-1165 (T3653-8881US02).

Respectfully submitted,

By: _____

Jason H. Vick

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	Not Yet Assigned
				Filing Date	December 24, 2003
				First Named Inventor	Marcos C. Tzannes
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	T3653-8881US02

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-3,655,920	04-11-1972	Lanne	
		US-4,057,691	11-08-1977	Goto et al.	
		US-5,530,724	06-25-1996	Abrams et al.	
		US-5,548,222	08-20-1996	Jensen et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Form PCT/IPEA/409	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231. NVA257589.1

FORM PTO - 1449				ATTORNEY DOCKET NO.: AWR-021 (457/23)			
INFORMATION DISCLOSURE STATEMENT				APPLICANTS: Tzannes			
				SERIAL NO.:			
				FILING DATE: December 24, 2003			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	3,573,380	4/6/71	Darlington	179	15	5/15/69
	A2	4,131,766	12/26/78	Narasimha	179	15	7/11/77
	A3	4,568,156	2/4/86	Dane	350	632	11/7/84
	A4	4,679,227	7/7/87	Hughes-Hartogs	379	98	5/20/85
	A5	4,731,816	3/15/88	Hughes-Hartogs	379	98	1/12/87
	A6	4,802,190	1/31/89	Immink	375	38	6/15/87
	A7	4,912,763	3/27/90	Galand et al.	381	31	9/24/87
	A8	5,048,054	9/10/91	Eyuboglu et al.	375	8	5/12/89
	A9	5,128,964	7/7/92	Mallory	375	39	10/10/90
	A10	5,206,886	4/27/93	Bingham	375	97	4/16/90
	A11	5,285,474	2/8/94	Chow et al.	375	13	6/12/92
	A12	5,327,574	7/5/94	Monma et al.	455	33.2	2/20/91
	A13	5,400,322	3/21/95	Hunt et al.	370	19	8/20/93
	A14	5,428,790	6/27/95	Harper et al.	395	750	10/8/93
	A15	5,452,288	9/19/95	Rahuel et al.	370	19	4/6/93
	A16	5,479,447	12/26/95	Chow et al.	375	260	5/3/93
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	A20	5,555,244	9/10/96	Gupta et al.	370	60.1	6/30/94
	A21	5,596,604	1/21/97	Cioffi et al.	345	260	8/17/93
	A22	5,598,435	1/28/97	Williams	375	261	2/4/94
	A23	5,636,246	6/3/97	Tzannes et al.	375	260	11/16/94
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	A26	6,052,411	4/18/00	Mueller et al.	375	222	4/6/98		
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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	B1	19624928 A1	1/8/98	DE	H04B	3/32	6/21/96	N	N
	B2	9806186 (0916193)	2/12/98	WO (EP)	H04B	3/32	1/15/97	N	Y
	B3	0652677 A3	3/27/96	EP	H04N	7/24	11/4/94	N	Y
	B4	0652677 A2	5/10/95	EP	H04N	7/24	11/4/94	N	Y
	B5	0473465 A1	3/4/92	EP	H04M	1/72	5/30/91	N	Y
	B6	0703685 A2	3/27/96	EP	H04L	1/18	9/14/95	N	Y
	B7	0762701 A2	3/12/97	EP	H04L	27/26	9/4/96	N	Y
	B8	0812087 A2	12/10/97	EP	H04L	27/26	5/28/97	N	Y
	B9	0820168 A2	1/21/98	EP	H04L	5/14	7/17/97	N	Y
	B10	0840474 A2	5/6/98	EP	H04L	5/14	10/28/97	N	Y
	B11	0905948 A2	3/31/99	EP	H04L	27/26	9/21/98	N	Y
	B12	97/15131	4/24/97	WO	H04L	1/12	10/18/96	N	Y
	B13	98/27665	6/25/98	WO	H04B	1/38	12/4/97	N	Y
	B14	98/57472	12/17/98	WO	H04L	27/26	6/9/98	N	Y
	B15	99/16224	4/1/99	WO	H04L	27/26	9/9/98	N	Y
	B16	99/18701	4/15/99	WO	H04L	27/00	6/18/98	N	Y
	B17	98/06186	2/12/98	WO	H04B	3/32	1/15/97	N	Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	John A. C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come" May 1990 – IEEE Communications Magazine Pages 5-14.							
EXAMINER					DATE CONSIDERED				

ABRAMSAF45723.1110812_1